



QUEENSLAND

**THE LABOUR FORCE:
REGIONAL ESTIMATES**

NOVEMBER 1984

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NEW ISSUE

THE LABOUR FORCE: REGIONAL ESTIMATES, QUEENSLAND, NOVEMBER 1984

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Explanatory Notes

Introduction

This publication contains regional estimates of the Queensland civilian labour force derived from the labour force survey part of the monthly population survey.

Background information on the dissemination of regional labour force statistics is provided in the Information Paper "Release of Regional Labour Force Statistics" (Catalogue No. 6262.0).

More detailed statistics relating to Queensland, Brisbane Statistical Division, and the rest of Queensland are published quarterly in the "The Labour Force" (Catalogue No. 6201.3) which is available on request.

The Population Survey

The survey is based on a multi-stage area sample of private dwellings and non-private dwellings (hotels, motels, etc.) and usually covers slightly more than two-thirds of 1 per cent of the population of Queensland. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during a period of two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the survey week).

Scope

The labour force survey includes all persons aged 15 years and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from Census and estimated populations;
- (c) overseas visitors holidaying in Australia; and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

Definitions

The labour force category to which a person is assigned depends on his actual activity (i.e. whether working, looking for work, etc.) during the survey week. The following definitions, which conform closely to the international standard definitions specified by the International Labour Organisation (ILO), relate only to those persons within the scope of the survey.

Employed persons comprise all those aged 15 years and over who, during the survey week:

- (a) worked for one hour or more for pay, profit, commission, or payment in kind in a job or business, or on a farm (including employees, employers, and self-employed persons); or
- (b) worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- (d) were employers or self-employed persons who had a job, business, or farm, but were not at work.

Unemployed persons are those aged 15 years and over who were not employed during the survey week, and:

- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and:
 - (i) were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or
 - (ii) were waiting to start a new job within four weeks from the end of the survey week and would have started in the survey week if the job had been available then; or
- (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

Actively looking for work includes writing, telephoning, or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service noticeboards; being registered with the

Explanatory Notes (continued)

Definitions (continued)

Commonwealth Employment Service; checking or registering with any other employment agency, advertising or tendering for work; and contacting friends or relatives.

The unemployment rate for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

Duration of unemployment is the period from the time the person began looking for work or was laid off to the end of the survey week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full-time for two weeks or more to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration.

Median duration of unemployment is the duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other comprising persons whose duration is below it.

The labour force comprises all persons who, during the survey week, were employed or unemployed, as defined above.

The labour force participation rate for any group is the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group.

Persons not in the labour force are those who, during the survey week, were not in the categories employed or unemployed as defined. This category therefore includes persons who were keeping house (unpaid), attending an educational institution (e.g. school or university), retired or voluntarily inactive, permanently unable to work, inmates of institutions, trainee teachers, members of contemplative religious orders, and persons whose only activity during the survey week was jury service or unpaid voluntary work for a charitable organisation, provided they had not actively looked for work in the four weeks up to the end of the survey week, and

- (ii) had worked for less than one hour for pay, profit, commission, or payment in kind; or
- (iii) had worked for less than 15 hours without pay in a family business or on a farm; or

- (b) had been stood down without pay for four weeks or more up to the end of the survey week.

Industry classification. Industry is classified according to the Australian Standard Industrial Classification (ASIC), 1983.

Occupation classification. Occupation has been classified according to the Classification and Classified List of Occupations, revised June 1981.

Regions. Labour force regions are based on statistical divisions or groupings of statistical divisions.

The Brisbane Statistical Division (B.S.D.) Region is divided into the Brisbane City, Inner Suburbs, Outer Suburbs, and Balance of B.S.D. Regions. The Moreton Region is the Moreton Statistical Division; the Wide Bay-Burnett/Darling Downs Region is the Wide Bay-Burnett and Darling Downs Statistical Divisions; and the Mackay/Fitzroy Region is the Mackay and Fitzroy Statistical Divisions.

The North and Western Queensland Region comprises the North-West, Far North, Northern, Central-West, and South-West Statistical Divisions and the North Queensland Region combines the Far North and Northern Statistical Divisions.

The Brisbane Statistical Division comprises the Cities of Brisbane, Ipswich, Logan, and Redcliffe, the Shire of Redland, and parts of the Shires of Albert, Beaudesert, Caboolture, Moreton, and Pine Rivers.

Maps delineating the regions are included on pages 13 and 16. A listing of Brisbane City suburbs is contained on page 17.

Population Benchmarks

Labour force survey estimates are calculated in such a way as to add to the independently estimated distribution of the population aged 15 years and over by age and sex. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates. Since regular estimates of the population are not

(a) in the survey week:

- (i) were without a job, business, or farm; or

Explanatory Notes (continued)Population Benchmarks (continued)

available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

As regional benchmarks are not used in the estimation procedures, regional estimates of the civilian population aged 15 years and over are not available. Although these figures can be derived by addition they should not be used as they cannot be regarded as being reliable.

Reliability of the Estimates.

As with other labour force estimates, regional estimates are subject to sampling error and non-sampling error. (See Technical Notes pages 26-28.) Since regional estimates for particular labour force characteristics are components of corresponding estimates at the State level, they are subject to higher relative standard errors. As noted above, the use of regional benchmarks in the estimation of regional estimates is not possible.

For these reasons, users should note that regional estimates may be more volatile than corresponding State estimates and thus their use should be restricted to that of providing snapshot

information at a given point in time. They should not be regarded as reliable indicators of short-term (monthly) movements.

Related Publications

Users may also wish to refer to the following publications which are available on request:

"Indicators of Business Activity" (1303.3)
 "Monthly Summary of Statistics" (1304.3)
 "The Labour Force" (6201.3)
 Information Paper "Questionnaires Used in the Labour Force Survey" (6232.0)
 Information Paper "Release of Regional Labour Force Statistics" (6262.0)

All publications produced by the ABS are listed in the "Catalogue of Publications" (Catalogue No. 1101.0) which is available from any ABS Office.

Symbols and Other Usages

- .. Not applicable.
- * Subject to sampling variability too high for most practical uses. (See Technical Notes pages 26-28 regarding reliability of the estimates.)

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

D. N. ALLEN
DEPUTY COMMONWEALTH STATISTICIAN

Statistics House,
 345 Ann Street,
 BRISBANE 4000
 30 April 1985

Table 1 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions,
Queensland, September to November 1984

Region	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
September 1984						
Brisbane Statistical Division ...	477.9	49.2	9.3	527.1	59.7	356.1
Brisbane City	319.6	31.4	9.0	351.0	59.4	240.3
Inner Suburbs	153.2	15.5	9.2	168.7	59.0	117.3
Outer Suburbs	166.4	15.9	8.7	182.3	59.7	123.0
Balance of B.S.D.	158.3	17.8	10.1	176.0	60.3	115.8
Moreton	130.0	15.7	10.8	145.7	56.0	114.3
Wide Bay-Burnett / Darling Downs	142.3	14.4	9.2	156.7	60.5	102.5
Fitzroy / Mackay	100.3	8.8	8.0	109.1	59.9	73.0
North and Western Queensland	176.3	17.2	8.9	193.5	65.6	101.3
North Queensland	140.1	15.4	9.9	155.5	64.4	86.0
<u>Total Queensland</u>	<u>1,026.9</u>	<u>105.3</u>	<u>9.3</u>	<u>1,132.1</u>	<u>60.2</u>	<u>747.3</u>
October 1984						
Brisbane Statistical Division ...	473.6	48.6	9.3	522.2	59.1	361.4
Brisbane City	316.3	32.3	9.3	348.6	59.0	242.3
Inner Suburbs	152.6	17.2	10.2	169.8	58.5	120.7
Outer Suburbs	163.7	15.1	8.4	178.8	59.5	121.6
Balance of B.S.D.	157.4	16.3	9.4	173.7	59.3	119.1
Moreton	124.1	14.3	10.3	138.4	54.4	116.1
Wide Bay-Burnett / Darling Downs	140.9	11.5	7.6	152.4	59.0	105.8
Fitzroy / Mackay	100.0	9.9	9.0	110.0	60.5	71.8
North and Western Queensland	173.9	17.9	9.3	191.8	63.1	112.0
North Queensland	140.4	16.2	10.3	156.6	62.3	94.8
<u>Total Queensland</u>	<u>1,012.6</u>	<u>102.3</u>	<u>9.2</u>	<u>1,114.9</u>	<u>59.2</u>	<u>767.2</u>
November 1984						
Brisbane Statistical Division ...	470.0	49.0	9.4	519.0	58.7	365.2
Brisbane City	313.5	32.2	9.3	345.7	58.1	249.6
Inner Suburbs	148.4	18.2	10.9	166.5	56.7	127.2
Outer Suburbs	165.2	14.0	7.8	179.2	59.4	122.4
Balance of B.S.D.	156.5	16.8	9.7	173.3	60.0	115.5
Moreton	125.0	17.7	12.4	142.7	55.1	116.4
Wide Bay-Burnett / Darling Downs	142.7	9.7	6.4	152.4	58.4	108.8
Fitzroy / Mackay	97.0	9.8	9.2	106.8	58.3	76.4
North and Western Queensland	171.4	18.4	9.7	189.9	64.0	106.9
North Queensland	139.2	15.9	10.2	155.1	63.3	89.8
<u>Total Queensland</u>	<u>1,006.1</u>	<u>104.6</u>	<u>9.4</u>	<u>1,110.7</u>	<u>58.9</u>	<u>773.7</u>

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group.

Table 2 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions by Sex and Age Group, Queensland, September to November 1984

Particulars	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
Brisbane Statistical Division						
September 1984						
Males	291.3	30.5	9.5	321.8	75.4	105.2
Females	186.6	18.7	9.1	205.2	45.0	251.0
Persons	477.9	49.2	9.3	527.1	59.7	356.1
October 1984						
Males	291.0	28.4	8.9	319.3	74.7	107.9
Females	182.7	20.2	10.0	202.9	44.5	253.5
Persons	473.6	48.6	9.3	522.2	59.1	361.4
November 1984						
Males	287.2	29.7	9.4	316.9	74.1	110.5
Females	182.8	19.3	9.5	202.0	44.2	254.6
Persons	470.0	49.0	9.4	519.0	58.7	365.2
Age group						
15-19 years	46.5	13.0	21.8	59.5	58.9	41.4
20-24 years	70.8	11.6	14.1	82.4	81.7	18.5
15-24 years	117.3	24.6	17.4	141.9	70.3	59.9
25-44 years	240.0	18.6	7.2	258.6	74.0	91.1
45 years and over	112.7	5.7	4.8	118.4	35.6	214.2
Average for quarter ended						
November 1983	469.9	47.9	9.3	517.8	59.8	347.9
November 1984	473.8	48.9	9.4	522.8	59.2	360.9
Brisbane City						
September 1984						
Males	192.2	19.4	9.2	211.6	73.4	76.8
Females	127.4	12.0	8.6	139.4	46.0	163.5
Persons	319.6	31.4	9.0	351.0	59.4	240.3
October 1984						
Males	190.9	19.1	9.1	210.0	73.3	76.7
Females	125.4	13.2	9.5	138.6	45.5	165.7
Persons	316.3	32.3	9.3	348.6	59.0	242.3
November 1984						
Males	187.4	19.7	9.5	207.1	71.9	80.8
Females	126.1	12.5	9.0	138.6	45.1	168.8
Persons	313.5	32.2	9.3	345.7	58.1	249.6
Age group						
15-19 years	31.4	8.7	21.6	40.0	57.3	29.8
20-24 years	49.8	8.5	14.6	58.4	81.4	13.3
15-24 years	81.2	17.2	17.5	98.4	69.5	43.1
25-44 years	148.4	11.7	7.3	160.0	77.1	47.6
45 years and over	84.0	3.3	3.8	87.3	35.5	158.9
Average for quarter ended						
November 1983	317.0	30.4	8.8	347.4	58.9	242.3
November 1984	316.5	32.0	9.2	348.4	58.8	244.1

Table 2 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions by Sex and Age Group, Queensland, September to November 1984 (continued)

Particulars	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
Inner Suburbs						
September 1984						
Males	91.8	8.8	8.8	100.7	72.5	38.1
Females	61.4	6.7	9.8	68.1	46.2	79.1
Persons	153.2	15.5	9.2	168.7	59.0	117.3
October 1984						
Males	89.5	10.1	10.1	99.5	71.2	40.2
Females	63.1	7.2	10.2	70.3	46.6	80.5
Persons	152.6	17.2	10.2	169.8	58.5	120.7
November 1984						
Males	86.4	10.6	11.0	97.0	69.0	43.5
Females	62.0	7.5	10.8	69.5	45.4	83.7
Persons	148.4	18.2	10.9	166.5	56.7	127.2
Age group						
15-19 years	12.4	3.9	23.8	16.3	54.9	13.4
20-24 years	25.3	5.0	16.6	30.3	77.9	8.6
15-24 years	37.7	8.9	19.1	46.6	68.0	22.0
25-44 years	72.5	7.5	9.4	80.1	80.9	18.9
45 years and over	38.2	*	*	39.9	31.6	86.4
Average for quarter ended						
November 1983	155.6	15.4	9.0	171.1	56.6	131.0
November 1984	151.4	17.0	10.1	168.3	58.0	121.7
Outer Suburbs						
September 1984						
Males	100.4	10.6	9.5	111.0	74.2	38.7
Females	66.0	5.3	7.5	71.4	45.8	84.4
Persons	166.4	15.9	8.7	182.3	59.7	123.0
October 1984						
Males	101.4	9.1	8.2	110.5	75.2	36.4
Females	62.3	6.0	8.8	68.3	44.5	85.2
Persons	163.7	15.1	8.4	178.8	59.5	121.6
November 1984						
Males	101.0	9.1	8.3	110.1	74.7	37.3
Females	64.1	4.9	7.1	69.0	44.8	85.1
Persons	165.2	14.0	7.8	179.2	59.4	122.4
Age group						
15-19 years	19.0	4.8	20.2	23.8	59.1	16.5
20-24 years	24.5	3.5	12.5	28.0	85.7	4.7
15-24 years	43.5	8.3	16.0	51.8	71.0	21.2
25-44 years	75.8	4.1	5.2	80.0	73.6	28.7
45 years and over	45.8	*	*	47.4	39.5	72.5
Average for quarter ended						
November 1983	161.4	15.0	8.5	176.4	61.3	111.3
November 1984	165.1	15.0	8.3	180.1	59.5	122.4

Table 2 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions by Sex and Age Group, Queensland, September to November 1984 (continued)

Particulars	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
Balance of B.S.D						
September 1984						
Males	99.1	11.1	10.1	110.2	79.5	28.4
Females	59.1	6.7	10.1	65.8	42.9	87.4
Persons	158.3	17.8	10.1	176.0	60.3	115.8
October 1984						
Males	100.1	9.2	8.4	109.3	77.8	31.3
Females	57.3	7.1	11.0	64.3	42.3	87.9
Persons	157.4	16.3	9.4	173.7	59.3	119.1
November 1984						
Males	99.8	10.0	9.1	109.8	78.7	29.7
Females	56.7	6.8	10.7	63.4	42.5	85.8
Persons	156.5	16.8	9.7	173.3	60.0	115.5
Age group						
15-19 years	15.1	4.3	22.2	19.5	62.6	11.6
20-24 years	20.9	3.1	12.9	24.1	82.3	5.2
15-24 years	36.1	7.4	17.1	43.5	72.2	16.8
25-44 years	91.7	6.9	7.0	98.6	69.4	43.5
45 years and over	28.8	*	*	31.2	36.0	55.3
Average for quarter ended						
November 1983	152.9	17.5	10.3	170.4	61.8	105.9
November 1984	137.4	17.0	9.7	174.3	59.9	116.8
Moreton						
September 1984						
Males	81.7	11.4	12.2	93.1	71.2	37.7
Females	48.3	4.3	8.2	52.6	40.7	76.6
Persons	130.0	15.7	10.8	145.7	56.0	114.3
October 1984						
Males	79.6	8.8	10.0	88.4	70.0	38.0
Females	44.5	5.5	11.0	50.0	39.0	78.1
Persons	124.1	14.3	10.3	138.4	54.4	116.1
November 1984						
Males	79.4	11.0	12.2	90.4	69.8	39.0
Females	45.6	6.7	12.7	52.3	40.3	77.4
Persons	125.0	17.7	12.4	142.7	55.1	116.4
Age group						
15-19 years	11.4	3.0	20.6	14.4	64.1	8.1
20-24 years	13.6	4.2	23.7	17.8	81.8	4.0
15-24 years	25.0	7.2	22.3	32.2	72.8	12.0
25-44 years	70.0	7.6	9.7	77.5	75.5	25.1
45 years and over	30.0	2.9	8.8	32.9	29.3	79.3
Average for quarter ended						
November 1983	132.2	19.9	13.1	152.1	57.3	113.4
November 1984	126.4	15.9	11.2	142.3	54.8	115.6

Table 2 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions by Sex and Age Group, Queensland, September to November 1984 (continued)

Particulars	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
Wide Bay-Burnett / Darling Downs						
September 1984						
Males	88.7	9.1	9.3	97.9	77.5	28.5
Females	53.6	5.2	8.9	58.9	44.3	74.0
Persons	142.3	14.4	9.2	156.7	60.5	102.5
October 1984						
Males	90.0	7.9	8.1	97.8	75.7	31.4
Females	50.9	3.7	6.7	54.6	42.3	74.4
Persons	140.9	11.5	7.6	152.4	59.0	105.8
November 1984						
Males	91.1	6.4	6.5	97.5	74.7	33.1
Females	51.6	3.3	6.1	55.0	42.1	75.7
Persons	142.7	9.7	6.4	152.4	58.4	108.8
Age group						
15-19 years	16.4	2.9	15.2	19.3	62.0	11.8
20-24 years	20.2	2.5	11.1	22.7	75.1	7.5
15-24 years	36.6	5.5	13.0	42.1	68.5	19.4
25-44 years	66.4	3.2	4.7	69.7	74.9	23.4
45 years and over	39.7	*	*	40.7	38.1	66.0
Average for quarter ended						
November 1983	134.6	12.4	8.4	147.0	58.1	106.1
November 1984	142.0	11.9	7.7	153.9	59.3	105.7
Fitzroy/Mackay						
September 1984						
Males	70.1	5.6	7.4	75.6	81.8	16.8
Females	30.3	*	*	33.5	37.3	56.2
Persons	100.3	8.8	8.0	109.1	59.9	73.0
October 1984						
Males	68.4	6.1	8.1	74.5	80.4	18.1
Females	31.6	*	*	35.5	39.8	53.7
Persons	100.0	9.9	9.0	110.0	60.5	71.8
November 1984						
Males	67.0	5.3	7.4	72.3	78.7	19.6
Females	29.9	4.5	13.1	34.5	37.8	56.8
Persons	97.0	9.8	9.2	106.8	58.3	76.4
Age group						
15-19 years	10.1	*	*	12.8	65.4	6.8
20-24 years	13.5	*	*	15.8	71.4	6.3
15-24 years	23.6	5.0	17.4	28.6	68.6	13.1
25-44 years	50.7	*	*	54.1	68.3	25.1
45 years and over	22.7	*	*	24.2	38.7	38.2
Average for quarter ended						
November 1983	101.1	8.1	7.5	109.2	60.9	70.1
November 1984	99.1	9.5	8.8	108.6	59.6	73.8

Table 2 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions by Sex and Age Group, Queensland, September to November 1984 (continued)

Particulars	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
North and Western Queensland						
September 1984						
Males	112.8	10.5	8.5	123.3	79.9	31.1
Females	63.5	6.7	9.5	70.2	50.0	70.3
Persons	176.3	17.2	8.9	193.5	65.6	101.3
October 1984						
Males	111.2	10.9	8.9	122.1	77.8	34.9
Females	62.7	7.0	10.0	69.7	47.5	77.2
Persons	173.9	17.9	9.3	191.8	63.1	112.0
November 1984						
Males	110.1	11.6	9.5	121.7	78.9	32.6
Females	61.3	6.9	10.1	68.2	47.9	74.3
Persons	171.4	18.4	9.7	189.9	64.0	106.9
Age group						
15-19 years	20.4	4.1	16.6	24.5	62.2	14.9
20-24 years	27.3	3.7	12.0	31.0	79.8	7.8
15-24 years	47.7	7.8	14.0	55.5	70.9	22.7
25-44 years	84.2	8.3	9.0	92.5	76.2	28.9
45 years and over	39.5	*	*	41.9	43.1	55.3
Average for quarter ended						
November 1983	166.9	12.0	6.7	178.9	63.5	103.0
November 1984	173.9	17.8	9.3	191.7	64.2	106.8
North Queensland						
September 1984						
Males	88.5	9.4	9.6	97.9	77.7	28.2
Females	51.7	6.0	10.4	57.7	49.9	57.9
Persons	140.1	15.4	9.9	155.5	64.4	86.0
October 1984						
Males	89.5	9.6	9.7	99.1	76.4	30.6
Females	50.9	6.5	11.4	57.5	47.3	64.1
Persons	140.4	16.2	10.3	156.6	62.3	94.8
November 1984						
Males	89.3	9.7	9.8	99.0	77.5	28.7
Females	49.9	6.2	11.0	56.1	47.8	61.1
Persons	139.2	15.9	10.2	155.1	63.3	89.8
Age group						
15-19 years	16.2	*	*	19.0	59.7	12.8
20-24 years	21.9	3.6	14.1	25.5	81.8	5.7
15-24 years	38.1	6.4	14.3	44.4	70.6	18.5
25-44 years	69.3	7.3	9.6	76.6	76.3	23.7
45 years and over	31.8	*	*	34.0	41.7	47.6
Average for quarter ended						
November 1983	128.7	10.9	7.8	139.6	62.6	83.3
November 1984	139.9	15.8	10.2	155.7	63.3	90.2

Table 2 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions by Sex and Age Group, Queensland, September to November 1984 (continued)

Particulars	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
Total Queensland						
September 1984						
Males	644.6	67.1	9.4	711.8	76.5	219.2
Females	382.2	38.2	9.1	420.4	44.3	528.1
Persons	1,026.9	105.3	9.3	1,132.1	60.2	747.3
October 1984						
Males	640.1	62.0	8.8	702.2	75.3	230.3
Females	372.5	40.3	9.8	412.7	43.5	536.9
Persons	1,012.6	102.3	9.2	1,114.9	59.2	767.2
November 1984						
Males	634.8	63.9	9.2	698.8	74.8	234.8
Females	371.3	40.7	9.9	412.0	43.3	538.9
Persons	1,006.1	104.6	9.4	1,110.7	58.9	773.7
Age group						
15-19 years	104.9	25.6	19.6	130.5	61.1	83.0
20-24 years	145.4	24.4	14.4	169.8	79.4	44.1
15-24 years	250.2	50.0	16.7	300.3	70.3	127.2
25-44 years	511.3	41.1	7.4	552.4	74.1	193.5
45 years and over	244.6	13.4	5.2	258.0	36.3	453.0
Average for quarter ended						
November 1983	1,004.7	100.3	9.1	1,105.0	59.9	740.5
November 1984	1,015.2	104.1	9.3	1,119.2	59.5	762.7

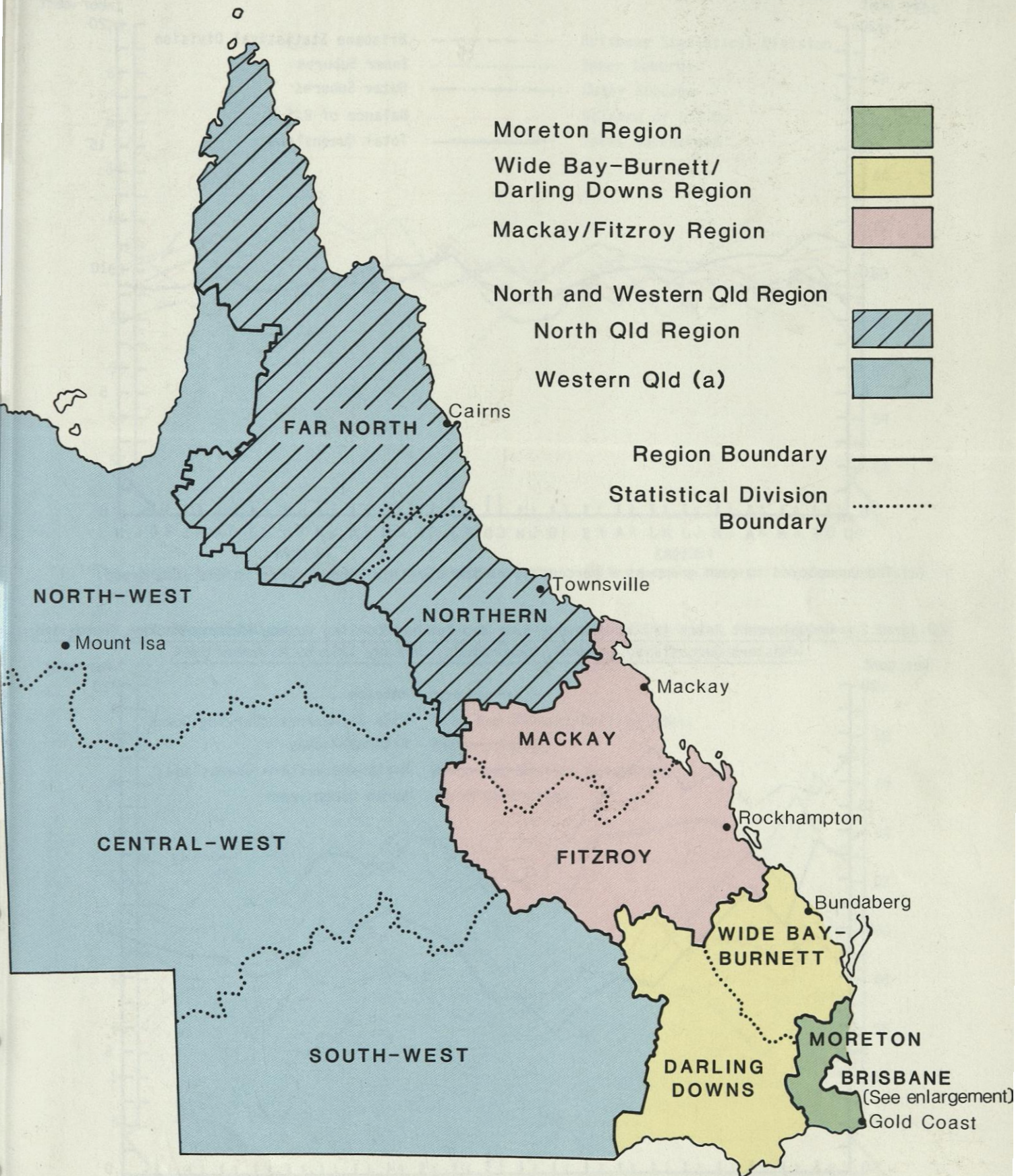
(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group.

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Table 3 - Labour Force Status of the Civilian Population Aged 15 Years and Over by Labour Force
Region as a Proportion of Total Queensland, November 1983 and November 1984
(per cent)

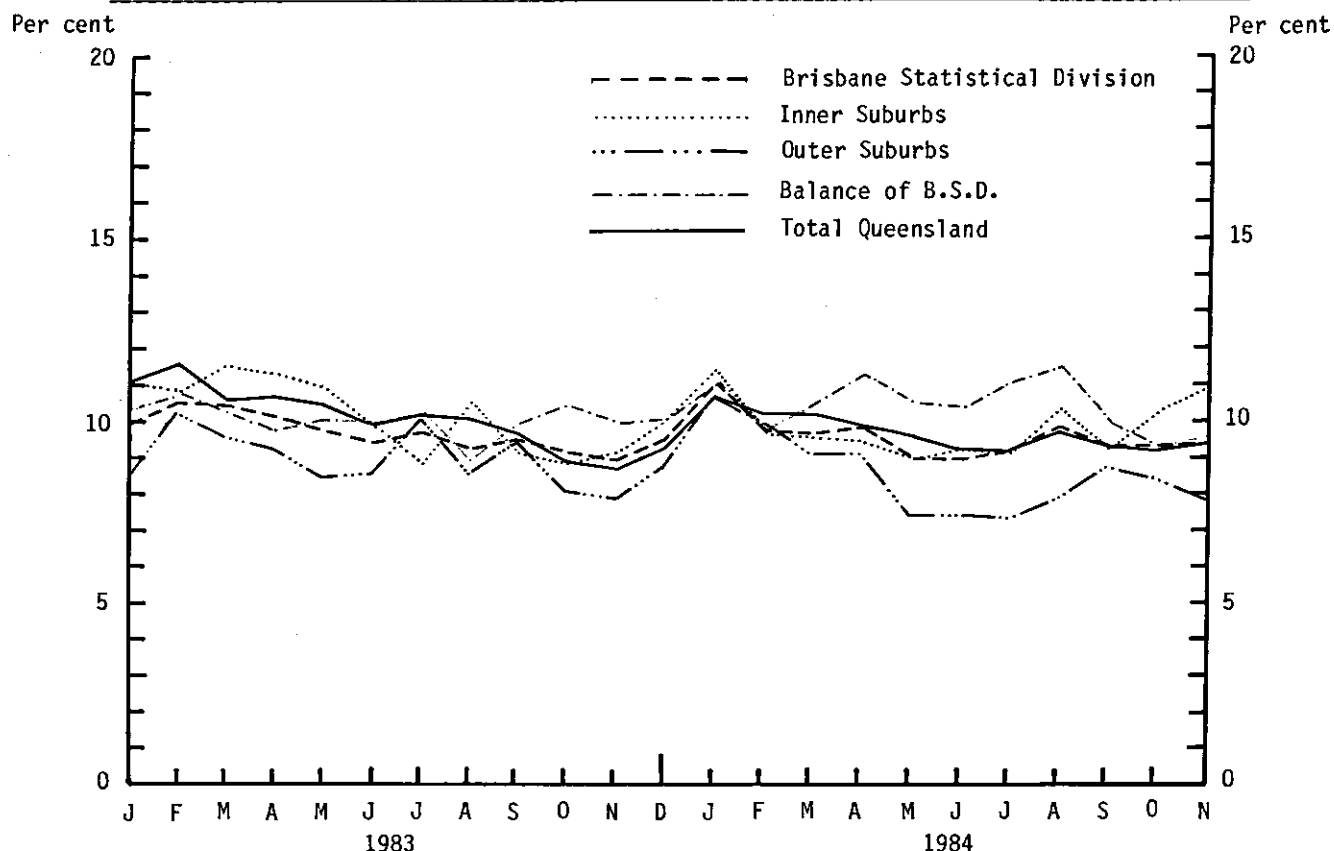
Region	Employed	Unemployed	Total labour force	Not in labour force
November 1983				
Brisbane Statistical Division	46.8	48.8	47.0	46.8
Brisbane City	31.9	31.1	31.8	32.5
Inner Suburbs	15.6	16.3	15.6	17.6
Outer Suburbs	16.4	14.8	16.2	14.9
Balance of B.S.D.	15.0	17.7	15.2	14.3
Moreton	13.0	18.6	13.6	15.5
Wide Bay-Burnett / Darling Downs	13.6	11.8	13.4	14.2
Fitzroy / Mackay	10.2	7.6	10.0	9.2
North and Western Queensland	16.4	13.4	16.1	14.3
North Queensland	12.6	12.0	12.6	11.5
<u>Total Queensland</u>	100.0	100.0	100.0	100.0
November 1984				
Brisbane Statistical Division	46.7	46.8	46.7	47.2
Brisbane City	31.2	30.8	31.1	32.3
Inner Suburbs	14.7	17.4	15.0	16.4
Outer Suburbs	16.4	13.4	16.1	15.8
Balance of B.S.D.	15.6	16.0	15.6	14.9
Moreton	12.4	16.9	12.8	15.0
Wide Bay-Burnett / Darling Downs	14.2	9.3	13.7	14.1
Fitzroy / Mackay	9.6	9.4	9.6	9.9
North and Western Queensland	17.0	17.6	17.1	13.8
North Queensland	13.8	15.2	14.0	11.6
<u>Total Queensland</u>	100.0	100.0	100.0	100.0

LABOUR FORCE REGIONS QUEENSLAND



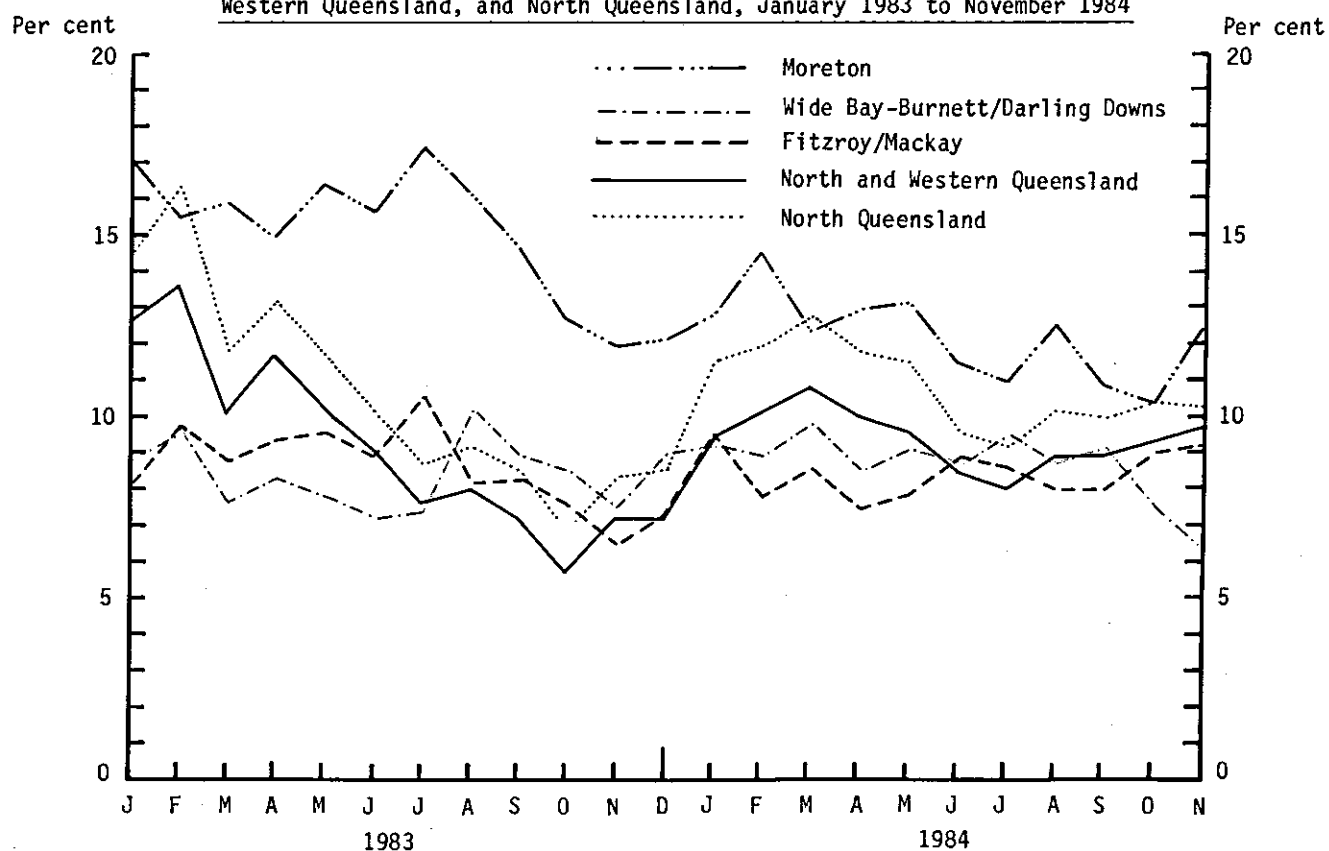
(a) Labour Force Estimates are not separately available for Western Qld, but are combined with the North Qld Region and published as North and Western Qld Region.

Diagram 1 - Unemployment Rates (a) in Brisbane Statistical Division, Inner Suburbs, Outer Suburbs, Balance of Brisbane Statistical Division, and Queensland, January 1983 to November 1984



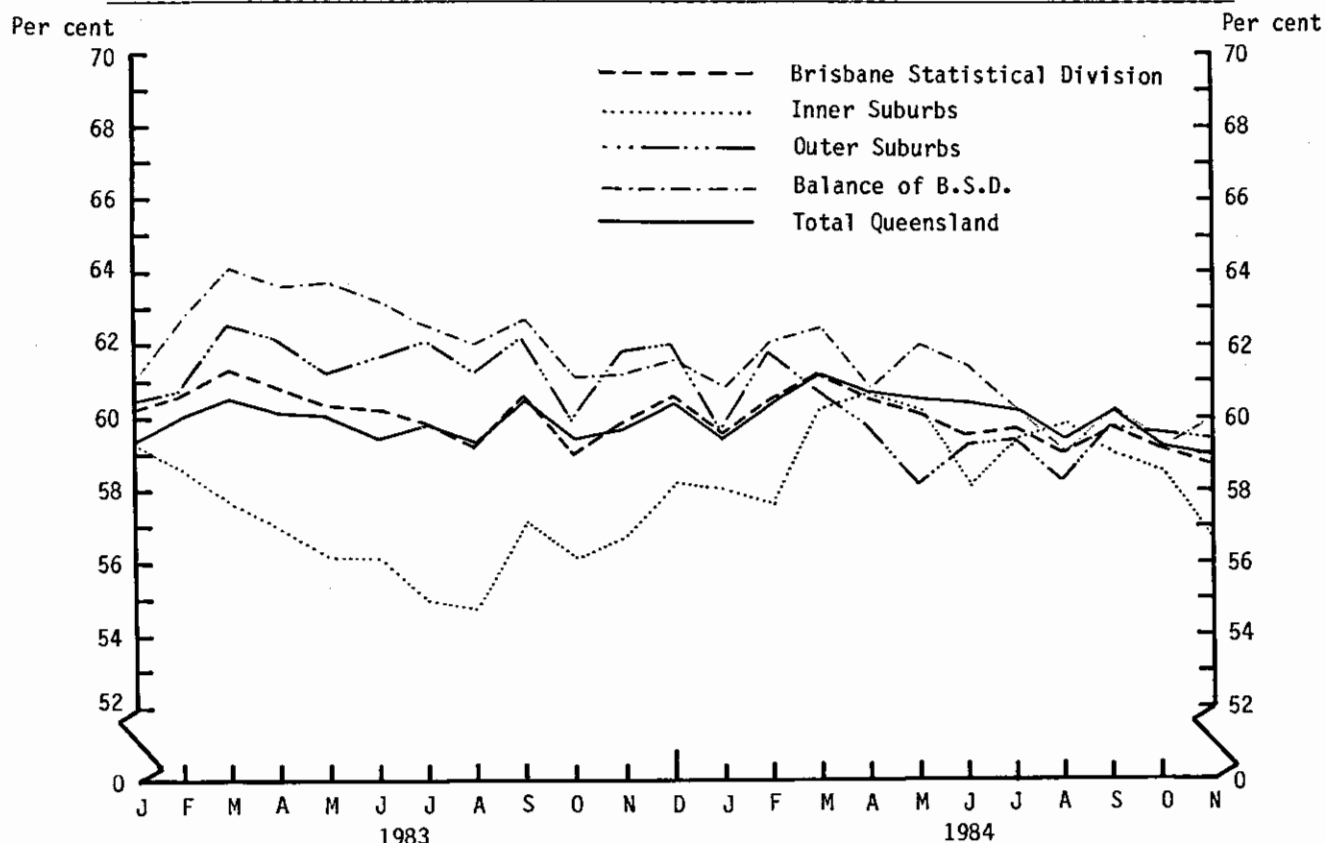
(a) The unemployed in each group as a percentage of the civilian labour force in the same group.

Diagram 2 - Unemployment Rates (a) in Moreton, Wide Bay-Burnett/Darling Downs, Fitzroy/Mackay, North and Western Queensland, and North Queensland, January 1983 to November 1984



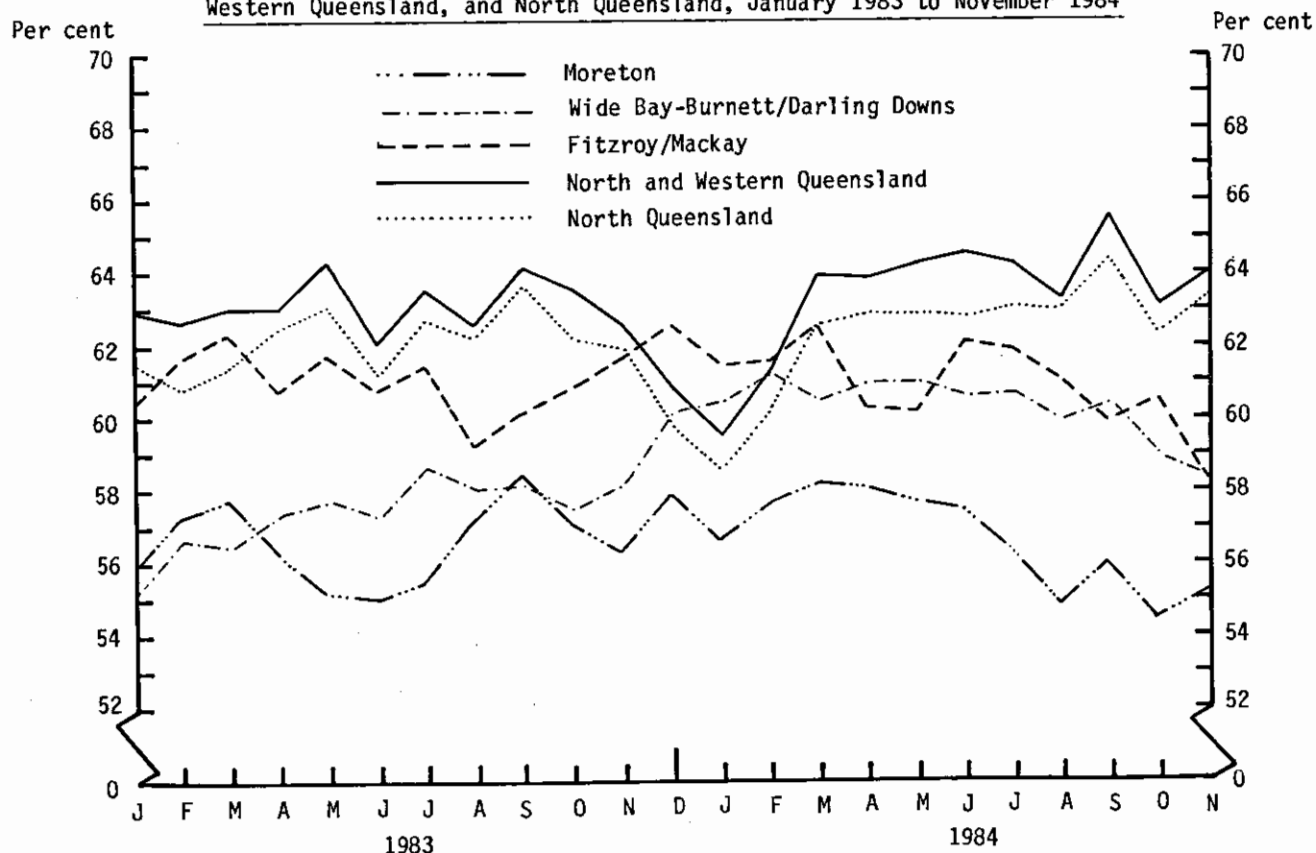
(a) The unemployed in each group as a percentage of the civilian labour force in the same group.

Diagram 3 - Participation Rates (a) in Brisbane Statistical Division, Inner Suburbs, Outer Suburbs, Balance of Brisbane Statistical Division, and Queensland, January 1983 to November 1984



(a) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group.

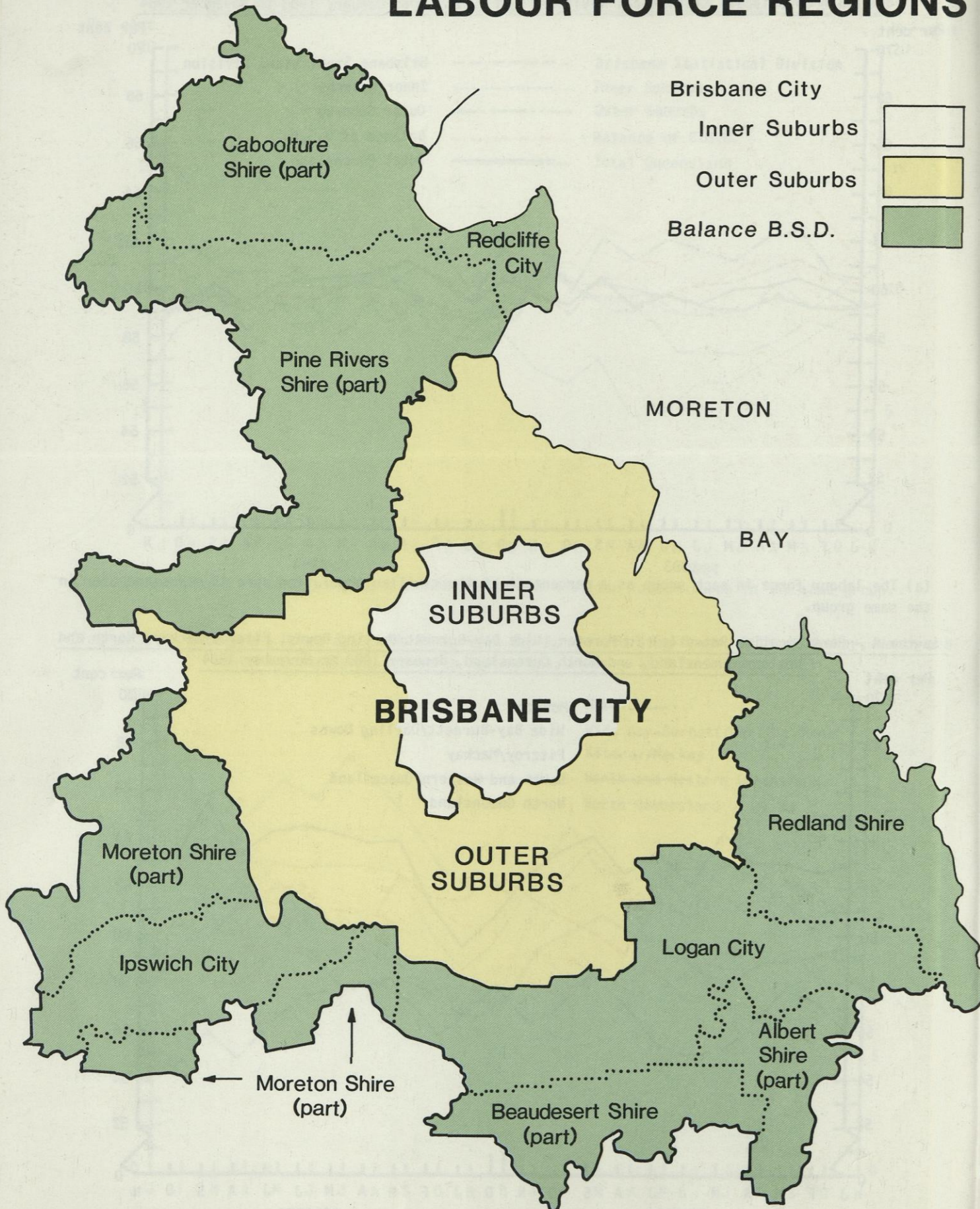
Diagram 4 - Participation Rates (a) in Moreton, Wide Bay-Burnett/Darling Downs, Fitzroy/Mackay, North and Western Queensland, and North Queensland, January 1983 to November 1984



(a) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group.

BRISBANE STATISTICAL DIVISION

LABOUR FORCE REGIONS



Brisbane City Suburbs

Inner Suburbs

Albion	Corinda	Holland Park West	South Brisbane
Alderley	Dutton Park	Indooroopilly	Spring Hill
Annerley	Eagle Farm	Kangaroo Point	St Lucia
Ascot	East Brisbane	Kedron	Stafford
Ashgrove	Enoggera	Kelvin Grove	Stafford Heights
Balmoral	Enoggera Military Camp	Lutwyche	Taringa
Bardon	Fairfield	Milton	Tarragindi
Bowen Hills	Fortitude Valley	Moorooka	Toowong
Bulimba	Grange	Morningside	West End
Camp Hill	Graceville	New Farm	Wilston
Cannon Hill	Greenslopes	Newmarket	Windsor
Carina	Hamilton	Newstead	Woolloongabba
Carina Heights	Hawthorne	Norman Park	Woolloowin
Chelmer	Hendra	Nundah	Yeerongpilly
City	Herston	Paddington	Yeronga
Clayfield	Highgate Hill	Red Hill	
Coorparoo	Holland Park	Sherwood	

Outer Suburbs

Acacia Ridge	Durack	McDowall	Rosedale
Algester	Eight Mile Plains	Middle Park	Rocklea
Anstead	Ellen Grove	Mitchelton	Runcorn
Archerfield	Enoggera State Forest	Moggill	Salisbury
Aspley	Everton Park	Moggill State Forest	Sandgate
Bald Hills	Ferry Grove	Moreton Island	Seventeen Mile Rocks
Banyo	Fig Tree Pocket	(including Bishop,	Sumner
Bellbowrie	Fitzgibbon	Fisherman, Green, Mud,	Stretton
Belmont	Geebung	St Helena, and Whyte	Sunnybank
Berrinba	Gumdale	Islands)	Sunnybank Hills
Boondall	Heathwood	Mount Coot-tha Park	Taigum
Bracken Ridge	Hemmant	Mount Gravatt	The Gap
Bridgeman Downs	Inala	Mount Gravatt East	Tingalpa
Brighton	Jamboree Heights	Mount Ommaney	Underwood
Brookfield	Jindalee	Murarrie	Upper Brookfield
Burbank	Karawatha	Nathan	Upper Kedron
Calamvale	Kenmore	Northgate	Upper Mount Gravatt
Carseldine	Kenmore Hills	Nudgee	Virginia
Capalaba West	Keperra	Nudgee Beach	Wacol
Chandler	Kuraby	Oxley	Wakerley
Chapel Hill	Larapinta	Pallara	Wavell Heights
Chermside	Lota	Parkinson	Westlake
Chermside West	Lower Nudgee	Pinjarra Hills	Willawong
Cooper's Plains	Lytton	Pinkenba	Wishart
Cribb Island	MacGregor	Pullenvale	Wynnum
Darra	Mackenzie	Ransome	Wynnum West
Deagon	Manly	Richlands	Zillmere
Doolandella	Manly West	Riverhills	
Drewvale	Mansfield	Robertson	

Table 4 - Employed Persons (a) by Occupation Group and Industry Division in Labour Force Regions, Queensland, November 1984
('000)

Particulars	Brisbane Statistical Division					Moreton	Wide Bay-Burnett Darling Downs	Fitzroy Mackay	North and Western Qld		Total Qld
	Brisbane City			Balance of B.S.D.	Total				North Qld	Total	
	Inner Suburbs	Outer Suburbs	Total								
Occupation Group											
Professional, technical, etc.	32.2	25.0	57.2	17.9	75.1	14.8	16.2	8.6	13.9	17.0	131.7
Administrative, executive, managerial ..	9.4	14.4	23.8	9.5	33.3	9.0	6.6	5.7	8.2	9.6	64.2
Clerical	34.0	32.2	66.2	26.0	92.2	16.4	14.2	10.9	18.9	22.7	156.3
Sales	13.3	18.7	32.0	20.3	52.2	14.3	15.1	8.0	10.7	12.5	102.1
Farmers, fishermen, timber-getters, etc.	2.6	3.3	6.0	3.1	9.0	14.7	29.5	14.1	24.3	31.2	98.5
Transport and communication	6.7	8.0	14.7	9.6	24.3	6.3	7.7	8.7	9.0	10.6	57.6
Tradesmen, production-process workers, and labourers, n.e.c. (b)	34.3	44.9	79.1	54.8	133.9	34.5	37.6	31.4	36.4	46.2	283.6
Service, sport, and recreation	15.9	18.7	34.6	15.3	49.9	14.9	15.9	9.6	17.9	21.7	112.0
<u>Total employed</u>	148.4	165.2	313.5	156.5	470.0	125.0	142.7	97.0	139.2	171.4	1,006.1
Industry Division											
Agriculture, forestry, fishing, hunting	*	3.0	3.9	*	5.8	12.9	29.4	13.5	23.2	31.2	92.7
Mining	*	*	*	*	4.3	*	*	5.8	*	6.6	18.2
Manufacturing	18.5	25.6	44.1	26.6	70.7	12.8	15.5	11.5	14.1	16.0	126.6
Electricity, gas, and water	2.7	2.5	5.3	3.0	8.3	*	*	3.7	*	*	17.2
Construction	11.8	11.1	23.0	13.8	36.8	14.1	8.2	7.6	10.3	11.6	78.3
Wholesale and retail trade	29.1	42.6	71.8	43.1	114.9	26.6	31.8	15.6	26.6	32.2	221.1
Transport and storage	8.8	10.1	18.9	8.8	27.6	5.2	8.0	8.2	10.1	11.5	60.5
Communication	5.3	2.4	7.7	3.4	11.1	*	2.9	*	3.1	3.2	21.5
Finance, property, and business services	18.5	19.3	37.9	13.4	51.2	13.7	7.9	4.6	8.6	9.3	86.8
Public administration and defence	9.6	6.7	16.3	6.8	23.1	4.8	4.0	4.1	5.8	8.0	44.1
Community services	30.4	31.7	62.1	25.0	87.1	17.4	25.7	13.5	21.3	26.2	169.9
Recreation, personal, and other services	11.5	9.3	20.8	8.2	29.0	13.1	7.1	6.8	11.7	13.4	69.3
<u>Total employed</u>	148.4	165.2	313.5	156.5	470.0	125.0	142.7	97.0	139.2	171.4	1,006.1
Wage and salary earners	131.7	142.9	274.6	135.2	409.8	91.0	104.1	78.7	106.2	133.1	816.7
Other	16.7	22.3	38.9	21.3	60.2	34.0	38.6	18.3	33.0	38.3	189.5

(a) Civilians aged 15 years and over.

(b) Including miners, quarrymen, and related workers.

Table 5 - Unemployed Persons by Duration Of Unemployment (a) in Labour Force Regions, Queensland,
September to November 1983 and 1984

Region	Under 13 weeks	13 weeks and over	Median duration	Median duration
	'000	'000	weeks	weeks
	September 1984			September 1983
Brisbane Statistical Division ...	20.4	28.8	19.0	16.1
Brisbane City	12.9	18.5	19.0	17.0
Inner Suburbs	6.0	9.5	22.1	13.1
Outer Suburbs	6.9	9.0	14.1	26.0
Balance of B.S.D.	7.5	10.3	17.1	14.0
Moreton	4.8	10.9	26.1	26.1
Wide Bay-Burnett / Darling Downs	5.5	8.9	26.0	26.0
Fitzroy / Mackay	*	5.0	*	*
North and Western Queensland	5.6	11.6	22.1	13.0
North Queensland	5.0	10.4	22.0	13.0
<u>Total Queensland</u>	40.1	65.2	22.1	17.1
	October 1984			October 1983
Brisbane Statistical Division ...	17.6	31.0	22.1	17.1
Brisbane City	10.9	21.4	26.0	18.0
Inner Suburbs	5.7	11.5	26.1	17.1
Outer Suburbs	5.2	9.8	25.1	22.1
Balance of B.S.D.	6.7	9.6	17.0	15.0
Moreton	5.7	8.6	26.0	26.1
Wide Bay-Burnett / Darling Downs	3.7	7.8	26.1	22.1
Fitzroy / Mackay	*	6.3	*	*
North and Western Queensland	7.8	10.2	14.0	*
North Queensland	7.2	9.0	13.1	*
<u>Total Queensland</u>	38.4	63.8	22.1	19.1
	November 1984			November 1983
Brisbane Statistical Division ...	18.4	30.5	22.0	17.1
Brisbane City	12.5	19.7	21.0	17.1
Inner Suburbs	7.2	10.9	18.1	21.0
Outer Suburbs	5.2	8.8	23.1	13.1
Balance of B.S.D.	5.9	10.8	23.1	20.1
Moreton	7.1	10.5	22.0	20.0
Wide Bay-Burnett / Darling Downs	4.1	5.6	*	29.1
Fitzroy / Mackay	4.7	5.2	*	*
North and Western Queensland	7.1	11.3	20.0	13.0
North Queensland	6.2	9.7	18.1	14.0
<u>Total Queensland</u>	41.5	63.1	19.1	18.1

(a) See Explanatory Notes.

Table 6 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions,
Queensland, January 1983 to November 1984

Month	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
Brisbane Statistical Division						
1983:January	459.8	51.0	10.0	510.7	60.2	338.1
February	460.6	54.9	10.6	515.5	60.6	335.4
March	468.4	54.8	10.5	523.3	61.3	330.1
April	467.4	53.0	10.2	520.4	60.8	335.0
May	465.8	50.9	9.8	516.7	60.3	340.8
June	468.3	49.3	9.5	517.6	60.2	341.9
July	464.4	50.3	9.8	514.6	59.8	346.3
August	463.2	47.7	9.3	510.9	59.2	351.6
September	473.7	50.0	9.6	523.7	60.6	340.2
October	463.7	46.9	9.2	510.6	59.0	355.1
November	472.5	46.8	9.0	519.3	59.9	348.2
December	475.9	50.7	9.6	526.5	60.6	342.8
1984:January	460.6	57.6	11.1	518.2	59.5	353.1
February	476.2	51.9	9.8	528.1	60.5	345.2
March	483.3	52.0	9.7	535.3	61.2	339.8
April	477.6	52.7	9.9	530.3	60.5	346.6
May	480.4	47.4	9.0	527.8	60.1	350.4
June	476.9	47.1	9.0	524.0	59.5	356.0
July	477.7	48.4	9.2	526.0	59.7	355.0
August	468.9	51.4	9.9	520.3	59.0	361.8
September	477.9	49.2	9.3	527.1	59.7	356.1
October	473.6	48.6	9.3	522.2	59.1	361.4
November	470.0	49.0	9.4	519.0	58.7	365.2
Brisbane City						
1983:January	313.3	33.8	9.7	347.1	59.7	233.9
February	311.8	36.7	10.5	348.4	59.6	236.5
March	313.5	36.9	10.5	350.5	60.0	233.9
April	312.0	35.8	10.3	347.8	59.5	236.6
May	309.3	33.1	9.7	342.4	58.6	241.7
June	312.2	31.7	9.2	343.9	58.8	241.2
July	308.5	32.3	9.5	340.8	58.4	242.4
August	306.9	32.1	9.5	339.0	57.9	246.5
September	317.8	32.6	9.3	350.4	59.6	237.6
October	311.9	28.9	8.5	340.8	57.9	247.4
November	321.3	29.8	8.5	351.1	59.2	241.9
December	324.7	33.5	9.4	358.2	60.1	238.2
1984:January	309.4	38.6	11.1	348.0	58.8	243.6
February	317.6	34.4	9.8	351.9	59.7	238.0
March	326.2	33.4	9.3	359.6	60.5	235.0
April	326.2	33.2	9.2	359.4	60.3	237.1
May	323.8	28.9	8.2	352.7	59.1	243.7
June	320.8	28.8	8.2	349.6	58.6	246.6
July	320.9	28.6	8.2	349.5	59.4	239.0
August	316.1	31.4	9.0	347.5	58.9	242.2
September	319.6	31.4	9.0	351.0	59.4	240.3
October	316.3	32.3	9.3	348.6	59.0	242.3
November	313.5	32.2	9.3	345.7	58.1	249.6

Table 6 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions,
Queensland, January 1983 to November 1984 (continued)

Month	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
Inner Suburbs						
1983: January	156.2	19.3	11.0	175.5	59.2	121.2
February	153.7	18.5	10.8	172.3	58.5	122.5
March	150.9	19.6	11.5	170.5	57.6	125.7
April	149.1	19.1	11.3	168.2	56.9	127.2
May	146.8	18.0	10.9	164.7	56.1	128.8
June	150.5	16.6	9.9	167.0	56.1	130.9
July	149.4	14.4	8.8	163.8	54.9	134.5
August	146.6	17.1	10.5	163.7	54.7	135.5
September	156.4	15.6	9.1	172.0	57.1	129.3
October	154.5	15.0	8.8	169.5	56.1	132.9
November	156.0	15.7	9.1	171.6	56.7	130.9
December	158.1	17.5	10.0	175.7	58.2	126.1
1984: January	154.3	19.9	11.4	174.2	58.0	125.9
February	154.0	16.3	9.6	170.3	57.6	125.6
March	161.5	16.9	9.5	178.4	60.3	117.7
April	162.7	16.9	9.4	179.6	60.7	116.3
May	160.3	15.7	8.9	176.1	60.2	116.6
June	154.0	15.6	9.2	169.6	58.1	122.4
July	155.2	15.5	9.1	170.7	59.4	116.6
August	152.5	17.4	10.3	169.9	59.8	114.4
September	153.2	15.5	9.2	168.7	59.0	117.3
October	152.6	17.2	10.2	169.8	58.5	120.7
November	148.4	18.2	10.9	169.5	56.7	127.2
Outer Suburbs						
1983: January	157.0	14.5	8.5	171.6	60.4	112.7
February	158.0	18.1	10.3	176.1	60.7	114.0
March	162.7	17.4	9.6	180.0	62.5	108.2
April	162.8	16.8	9.3	179.6	62.1	109.5
May	162.6	15.1	8.5	177.7	61.2	112.9
June	161.7	15.2	8.6	176.9	61.6	110.3
July	159.1	17.8	10.1	177.0	62.1	107.9
August	160.3	15.0	8.6	175.2	61.2	111.0
September	161.5	17.0	9.5	178.4	62.2	108.4
October	157.4	13.9	8.1	171.3	59.9	114.5
November	165.3	14.1	7.9	179.4	61.8	111.0
December	166.6	16.0	8.8	182.6	62.0	112.1
1984: January	155.1	18.6	10.7	173.8	59.6	117.6
February	163.6	18.1	10.0	181.7	61.8	112.4
March	164.6	16.6	9.1	181.2	60.7	117.3
April	163.5	16.3	9.1	179.8	59.8	120.7
May	163.5	13.1	7.4	176.6	58.1	127.1
June	166.8	13.3	7.4	180.1	59.2	124.2
July	165.6	13.1	7.3	178.7	59.4	122.4
August	163.6	14.0	7.9	177.6	58.2	127.8
September	166.4	15.9	8.7	182.3	59.7	123.0
October	163.7	15.1	8.4	178.8	59.5	121.6
November	165.2	14.0	7.8	179.2	59.4	122.4

Table 6 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions, Queensland, January 1983 to November 1984 (continued)

Month	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
Balance of B.S.D						
1983:January	146.5	17.1	10.5	163.7	61.1	104.2
February	148.9	18.2	10.9	167.1	62.8	99.0
March	154.9	17.9	10.4	172.8	64.2	96.2
April	155.5	17.2	9.9	172.6	63.7	98.3
May	156.5	17.8	10.2	174.3	63.8	99.1
June	156.1	17.6	10.1	173.7	63.3	100.7
July	155.9	18.0	10.4	173.9	62.6	103.9
August	156.3	15.6	9.1	171.9	62.1	105.1
September	155.8	17.4	10.1	173.3	62.8	102.6
October	151.8	18.0	10.6	169.8	61.2	107.7
November	151.2	17.0	10.1	168.2	61.3	106.4
December	151.2	17.1	10.2	168.3	61.7	104.6
1984:January	151.2	19.0	11.2	170.2	60.9	109.5
February	158.7	17.5	9.9	176.2	62.2	107.2
March	157.1	18.6	10.6	175.7	62.6	104.8
April	151.4	19.5	11.4	170.8	60.9	109.5
May	156.6	18.5	10.6	175.1	62.1	106.7
June	156.1	18.3	10.5	174.4	61.5	109.4
July	156.8	19.7	11.2	176.5	60.3	116.0
August	152.8	20.0	11.6	172.8	59.1	119.6
September	158.3	17.8	10.1	176.0	60.3	115.8
October	157.4	16.3	9.4	173.7	59.3	119.1
November	156.5	16.8	9.7	173.3	60.0	115.5
Moreton						
1983:January	123.5	25.3	17.0	148.7	55.8	117.8
February	123.6	22.6	15.5	146.3	57.3	109.2
March	126.1	23.8	15.9	150.0	57.8	109.5
April	123.4	21.6	14.9	145.1	56.3	112.8
May	121.3	23.7	16.4	145.1	55.2	117.7
June	121.7	22.5	15.6	144.2	55.0	118.1
July	121.2	25.6	17.4	146.8	55.5	117.5
August	128.5	24.6	16.1	153.1	57.2	114.7
September	133.4	22.9	14.6	156.2	58.5	111.0
October	131.8	19.0	12.6	150.8	57.1	113.5
November	131.4	17.8	11.9	149.1	56.3	115.6
December	138.6	19.1	12.1	157.6	57.9	114.8
1984:January	135.7	20.0	12.8	155.7	56.6	119.4
February	135.5	22.9	14.5	158.4	57.6	116.8
March	139.9	19.6	12.3	159.5	58.2	114.7
April	139.5	20.6	12.9	160.1	58.1	115.4
May	139.3	20.9	13.1	160.2	57.7	117.4
June	139.3	18.0	11.4	157.3	57.5	116.3
July	136.5	16.6	10.9	153.1	56.3	119.0
August	128.7	18.4	12.5	147.1	54.8	121.4
September	130.0	15.7	10.8	145.7	56.0	114.3
October	124.1	14.3	10.3	138.4	54.4	116.1
November	125.0	17.7	12.4	142.7	55.1	116.4

Table 6 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions,
Queensland, January 1983 to November 1984 (continued)

Month	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
Wide Bay-Burnett / Darling Downs						
1983:January	123.0	12.0	8.9	135.0	55.3	109.0
February	127.7	13.8	9.7	141.4	56.8	107.6
March	130.7	11.0	7.7	141.6	56.6	108.5
April	132.6	12.1	8.4	144.7	57.5	107.2
May	132.2	11.3	7.9	143.5	57.9	104.4
June	132.7	10.5	7.3	143.2	57.4	106.3
July	136.9	11.0	7.5	147.9	58.8	103.5
August	132.8	15.3	10.3	148.1	58.2	106.3
September	133.2	13.2	9.0	146.4	58.3	104.8
October	133.9	12.6	8.6	146.5	57.6	107.6
November	136.8	11.3	7.6	148.1	58.3	106.0
December	136.7	13.6	9.1	150.3	60.3	99.0
1984:January	141.0	14.5	9.3	155.5	60.6	101.0
February	147.5	14.6	9.0	162.1	61.3	102.5
March	145.1	15.9	9.9	161.0	60.6	104.8
April	145.8	13.8	8.6	159.6	61.1	101.6
May	145.2	14.7	9.2	159.9	61.1	101.7
June	141.2	13.6	8.8	154.7	60.7	100.2
July	144.2	15.4	9.6	159.5	60.8	102.8
August	144.6	13.9	8.8	158.5	60.0	105.7
September	142.3	14.4	9.2	156.7	60.5	102.5
October	140.9	11.5	7.6	152.4	59.0	105.8
November	142.7	9.7	6.4	152.4	58.4	108.8
Fitzroy / Mackay						
1983:January	99.9	9.0	8.2	108.8	60.4	71.4
February	101.0	10.9	9.8	111.9	61.7	69.5
March	98.7	9.5	8.8	108.3	62.4	65.3
April	97.1	10.1	9.4	107.2	60.8	69.1
May	97.8	10.4	9.6	108.3	61.8	67.0
June	98.0	9.6	8.9	107.6	60.8	69.2
July	97.8	11.6	10.6	109.4	61.5	68.5
August	96.2	8.6	8.2	104.9	59.3	72.1
September	98.2	8.9	8.3	107.1	60.2	70.9
October	102.2	8.4	7.6	110.6	60.9	71.1
November	102.9	7.2	6.5	110.0	61.7	68.3
December	105.9	8.4	7.3	114.3	62.6	68.3
1984:January	101.7	10.6	9.5	112.3	61.5	70.4
February	102.6	8.7	7.8	111.3	61.6	69.3
March	102.2	9.7	8.6	111.9	62.6	66.8
April	100.4	8.2	7.5	108.6	60.3	71.4
May	97.7	8.4	7.9	106.2	60.2	70.2
June	100.9	9.8	8.9	110.7	62.1	67.7
July	103.4	9.7	8.6	113.1	61.9	69.7
August	103.3	9.0	8.0	112.3	61.1	71.6
September	100.3	8.8	8.0	109.1	59.9	73.0
October	100.0	9.9	9.0	110.0	60.5	71.8
November	97.0	9.8	9.2	106.8	58.3	76.4

Table 6 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions,
Queensland, January 1983 to November 1984 (continued)

Month	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
North and Western Queensland						
1983:January	149.0	21.6	12.6	170.6	63.0	100.0
February	150.5	23.6	13.6	174.1	62.7	103.7
March	160.4	18.0	10.1	178.4	63.1	104.5
April	157.3	20.9	11.7	178.2	63.1	104.3
May	164.7	18.7	10.2	183.4	64.4	101.6
June	160.8	16.0	9.1	176.8	62.1	107.8
July	165.3	13.7	7.6	179.0	63.6	102.3
August	159.6	14.0	8.0	173.5	62.6	103.8
September	167.8	13.0	7.2	180.8	64.2	100.9
October	167.8	10.1	5.7	178.0	63.6	101.7
November	165.0	12.8	7.2	177.8	62.6	106.4
December	157.5	12.2	7.2	169.7	60.9	109.0
1984:January	146.2	15.1	9.4	161.3	59.6	109.2
February	146.7	16.4	10.1	163.1	61.3	103.1
March	154.4	18.6	10.8	173.1	64.0	97.1
April	157.2	17.4	10.0	174.6	63.9	98.6
May	160.3	16.9	9.6	177.3	64.3	98.6
June	168.7	15.7	8.5	184.5	64.6	101.2
July	163.5	14.2	8.0	177.7	64.3	98.8
August	160.5	15.8	8.9	176.2	63.3	102.2
September	176.3	17.2	8.9	193.5	65.6	101.3
October	173.9	17.9	9.3	191.8	63.1	112.0
November	171.4	18.4	9.7	189.9	64.0	106.9
North Queensland						
1983:January	109.6	18.4	14.4	128.0	61.5	80.1
February	107.7	20.9	16.3	128.6	60.8	82.8
March	119.8	15.8	11.7	135.7	61.4	85.4
April	121.5	18.3	13.1	139.8	62.5	83.8
May	126.3	16.6	11.6	143.0	63.1	83.7
June	125.6	13.9	10.0	139.6	61.2	88.4
July	127.4	12.0	8.6	139.5	62.7	83.1
August	126.2	12.7	9.1	138.8	62.2	84.5
September	129.3	11.9	8.4	141.2	63.7	80.5
October	129.1	9.4	6.8	138.5	62.2	84.1
November	127.6	11.5	8.3	139.1	61.9	85.4
December	118.2	10.9	8.5	129.2	59.8	87.0
1984:January	108.2	14.0	11.5	122.2	58.6	86.3
February	110.9	14.9	11.9	125.8	60.2	83.0
March	115.1	16.8	12.7	131.9	62.6	78.9
April	120.1	15.9	11.7	136.0	62.9	80.1
May	122.0	15.7	11.4	137.8	62.9	81.2
June	129.4	13.6	9.5	143.0	62.8	84.6
July	127.7	12.9	9.1	140.6	63.1	82.1
August	130.9	14.7	10.1	145.6	63.0	85.6
September	140.1	15.4	9.9	155.5	64.4	86.0
October	140.4	16.2	10.3	156.6	62.3	94.8
November	139.2	15.9	10.2	155.1	63.3	89.8

Table 6 - Labour Force Status of the Civilian Population Aged 15 Years and Over in Labour Force Regions,
Queensland, January 1983 to November 1984 (continued)

Month	Employed	Unemployed		Total labour force		Not in labour force
		Number	Unemployment rate (a)	Number	Participation rate (b)	
	'000	'000	%	'000	%	'000
Total Queensland						
1983:January	955.1	118.7	11.1	1,073.8	59.3	736.3
February	963.4	125.8	11.6	1,089.2	60.0	725.4
March	984.4	117.1	10.6	1,101.5	60.5	718.0
April	977.9	117.7	10.7	1,095.6	60.1	728.2
May	981.9	115.0	10.5	1,096.9	60.0	731.4
June	981.5	107.9	9.9	1,089.5	59.4	743.2
July	985.6	112.2	10.2	1,097.7	59.8	738.0
August	980.3	110.2	10.1	1,090.5	59.3	748.4
September	1,006.3	108.0	9.7	1,114.2	60.5	727.9
October	999.4	97.1	8.9	1,096.5	59.4	749.0
November	1,008.5	95.8	8.7	1,104.3	59.7	744.6
December	1,014.5	104.0	9.3	1,118.4	60.4	733.9
1984:January	985.1	117.8	10.7	1,102.9	59.4	753.2
February	1,008.5	114.6	10.2	1,123.1	60.4	736.9
March	1,024.9	115.8	10.2	1,140.7	61.2	723.3
April	1,020.6	112.7	9.9	1,133.3	60.7	733.6
May	1,023.0	108.4	9.6	1,131.4	60.5	738.3
June	1,027.0	104.3	9.2	1,131.3	60.4	741.4
July	1,025.2	104.3	9.2	1,129.5	60.2	745.4
August	1,006.0	108.4	9.7	1,114.4	59.4	762.8
September	1,026.9	105.3	9.3	1,132.1	60.2	747.3
October	1,012.6	102.3	9.2	1,114.9	59.2	767.2
November	1,006.1	104.6	9.4	1,110.7	58.9	773.7

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group.

Estimation Procedure

The labour force estimates are derived from the monthly population survey and are calculated in such a way as to add to the independently estimated distribution of the population aged 15 years and over by age and sex. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates.

Since regular estimates of the population are not available at the regional level the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

Reliability of the Estimates

As with other labour force survey estimates, regional estimates are subject to sampling error and non-sampling error. Since regional estimates for particular labour force characteristics are components of corresponding estimates at the State level, they are subject to higher relative standard errors. As noted above, the use of regional benchmarks in the estimation of regional estimates is not possible.

For these reasons, users should note that regional estimates may be more volatile than corresponding State estimates and thus they should not be regarded as reliable indicators of short-term (monthly) movements.

The sampling error is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, the estimates and the movements derived from them are subject to sampling variability; that is, they may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about 19 chances in 20 that the difference will be less than two standard errors. The standard error can also be expressed as a percentage of the estimate, and this is known as the relative standard error.

Space does not allow for the separate indication of the standard errors of all estimates

in this publication. Standard errors of estimates and monthly movements should be determined by using Tables A and B.

The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger the standard error. However, it should be noted that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

As the standard errors in Table A show, the smaller the estimate the higher is the relative standard error. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, estimates below the levels shown in Table A, and percentages based on such estimates, have not been included but are indicated by *. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable. See text below concerning the higher publication cut-off point for estimates of median duration of unemployment.

The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. Standard errors of monthly movements are given in Table B. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements), and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Standard errors of quarterly movements can be obtained by multiplying the figures in Table B by 1.4. Standard errors of all annual movements can be obtained by multiplying the figures in Table A by 1.4. When using Table A or Table B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

Examples of the calculation and use of standard errors are given in the ABS publication "The Labour Force" (Catalogue No. 6201.3).

The relative standard errors of estimates of median duration of unemployment are obtained by first finding the relative standard error of the estimate of the total number of persons

Table A - Standard Errors of Labour Force Estimates (a)

Size of estimate	Brisbane Statistical Division		Brisbane City						Balance of Brisbane Statistical Division		Moreton		Wide Bay-Burnett/ Darling Downs		Fitzroy/ Mackay		North and Western Queensland		North Queensland		Queensland	
			Inner Suburbs		Outer Suburbs		Total															
	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error	Standard error
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
2,500			580	23.03	570	22.75	610	24.58	580	23.06	620	24.67	600	24.12								
3,000	690	23.16	630	21.08	620	20.82	660	22.12	630	21.18	680	22.58	660	22.08			750	25.00	760	25.41	690	23.16
4,000	800	19.91	730	18.34	720	18.11	750	18.76	730	18.36	790	19.64	770	19.21	960	23.92	870	21.75	880	22.10	800	19.91
5,000	880	17.67	820	16.47	810	16.27	830	16.52	820	16.49	880	17.64	860	17.25	1,070	21.48	970	19.53	990	19.35	880	17.67
6,000	960	16.02	910	15.09	890	14.90	890	14.90	910	15.11	970	16.16	950	15.81	1,180	19.68	1,070	17.90	1,090	18.19	960	16.02
8,000	1,090	13.68	1,050	13.15	1,040	12.99	1,010	12.66	1,050	13.17	1,130	14.09	1,100	18.78	1,370	17.15	1,250	15.60	1,270	15.85	1,090	13.68
10,000	1,210	12.09	1,180	11.83	1,170	11.68	1,120	11.17	1,180	11.84	1,270	12.67	1,240	12.38	1,540	15.43	1,400	14.03	1,430	14.26	1,200	12.09
20,000	1,630	8.14	1,710	8.53	1,690	8.42	1,520	7.61	1,710	8.54	1,830	9.14	1,790	8.93	2,230	11.13	2,020	10.12	2,050	10.28	1,650	8.14
30,000	1,930	6.42	2,120	7.07	2,090	6.97	1,830	6.09	2,120	7.07	2,270	7.56	2,220	7.39	2,760	9.21	2,510	8.37	2,550	8.51	1,930	6.42
40,000	2,160	5.40	2,470	6.18	2,440	6.10	2,090	5.21	2,470	6.19	2,650	6.62	2,590	6.47	3,220	8.06	2,930	7.33	2,980	7.45	2,160	5.40
50,000	2,360	4.72	2,790	5.57	2,750	5.50	2,310	4.62	2,790	5.58	2,990	5.97	2,920	5.84	3,630	7.27	3,310	6.61	3,350	6.72	2,350	4.72
100,000	3,070	3.07	4,060	4.06	4,010	4.01	3,200	3.20	4,060	4.06	4,350	4.35	4,250	4.25	5,290	5.29	4,810	4.81	4,900	4.89	3,050	3.07
200,000	3,930	1.96	5,940	2.97	5,870	2.93	4,450	2.22	5,950	2.97	6,890	3.44	6,730	3.37	8,380	4.19	7,620	3.81	7,160	3.58	3,950	1.96

(a) Regional estimates smaller than those shown in this table are not published.

Technical Notes (continued)

contributing to the estimate (see Table A) and then multiplying the figure so obtained by 2.0. The publication cut-off point for estimates of median duration of unemployment is 10,800 persons.

The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in

the recording and coding of data, and errors made in the processing of data. Inaccuracies of this kind are referred to as the non-sampling error, and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient operating procedures.

Table B - Standard Errors of Estimates of Monthly Movements

Size of larger estimate	Brisbane Statistical Division	Brisbane City			Balance of Brisbane Statistical Division	Moreton	Wide Bay-Burnett/Darling Downs	Fitzroy/Mackay	North and Western Queensland	North Queensland	Queensland
		Inner Sub-urbs	Outer Sub-urbs	Total							
1,500						360					
1,800			410		440	390					
2,000		480	430		461	410	470	480			
2,500	640	520	470	570	500	440	520	520	580	550	640
3,000	680	560	500	600	540	480	560	560	620	600	680
4,000	760	630	560	670	610	540	620	630	690	670	760
5,000	820	690	620	720	660	590	680	690	760	730	820
6,000	880	740	660	770	710	630	730	740	820	780	880
8,000	970	830	740	850	800	710	820	830	910	880	970
10,000	1,050	900	810	920	870	770	900	910	1,000	960	1,050
20,000	1,350	1,190	1,070	1,180	1,150	1,020	1,180	1,190	1,320	1,260	1,350
30,000	1,580	1,400	1,260	1,350	1,350	1,190	1,390	1,400	1,540	1,490	1,580
40,000	1,750	1,570	1,400	1,500	1,520	1,340	1,560	1,570	1,730	1,670	1,750
50,000	1,900	1,710	1,540	1,620	1,660	1,460	1,700	1,720	1,890	1,820	1,900
100,000	2,450	2,250	2,020	2,070	2,180	1,930	2,240	2,260	2,490	2,400	2,450
200,000	3,150	2,960	2,660	2,630	2,870	3,150